

Notice of Allowability

Application No.

09/595,354

Examiner

Kambiz Zand

Applicant(s)

MENTRUP ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/10/2004.
2. ☒ The allowed claim(s) is/are 7-10 and 13-19, now re-numbered as claims 1-11.
3. ☒ The drawings filed on 04/26/2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. The text of those sections of Title 35, U.S. Code not included in this section can be found in the prior office action.
2. The prior office actions are incorporated herein by reference. In particular, the observations with respect to claim language, and response to previously presented arguments.
3. Acknowledgment is made of claim for domestic priority under 35 U.S.C. § 119 (e) (to a provisional application number 60/139,279).
4. Claims 1-6 and 11-12 have been cancelled.
5. Claims 7-10 and 13-19, now re-numbered as claims 1-11 are pending.

Response to Arguments

6. Applicant's arguments filed 08/10/04 have been fully considered and they are persuasive.

Allowable Subject Matter

7. Claims 7-10 and 13-19 are allowed.

8. The following is an examiner's statement of reasons for allowance:

Vlarr (5,321,755 A) teach a method for storing and encrypting one or more sequences of characters within a geometric grid positioned on a device, comprising;

choosing a master code sequence of characters;

placing said master code sequence of characters within said geometric grid so that the correct order of said characters is not readily apparent ;

selecting one sequence of characters representing information to be stored and encrypted; and

placing said sequence of characters within said geometric grid such that the correct order of said sequence is not readily apparent and such that the location of each character of said sequence in the geometric grid has a predetermined relationship to the location of at least one character of said master code sequence of characters **in contrast with specific steps of Applicant's invention** where providing a sleeve sized and shaped to receive said encryption sheet therein, where said sleeve having an outer end and a character window positioned in a selected fixed geometric relationship to said outer end; and selecting a master word having a known master sequence of master characters; and recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along master line of said boxes of said grid; and recording said master word along a data line of boxes of said grid in said scrambled

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sequence by a fixed geometric offset of each characters to at least one of said master characters by aligning said outer end of said sleeve with a master character and recording a data character on said encryption sheet through said character window to establish said fixed geometric offset; and retrieving the data word by finding said master characters in said scrambled sequence and locating data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence by aligning said outer end of said sleeve with each master character and reading a corresponding data character through said character window **as recited in independent claims 7-10 and 13.**

9. Dependent claims 14-19 are allowable as being dependent upon Independent claim 13 and having additional allowable features therein.

Conclusion

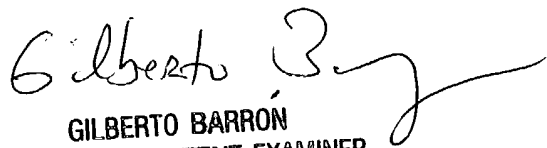
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kambiz Zand whose telephone number is (703) 306-4169. The examiner can normally be reached on Monday-Thursday (8:00-5:00). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (703) 305-1830. The fax phone numbers for the organization where this application or proceeding is assigned is (703)

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872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Kambiz Zand

09/04/04


GILBERTO BARRON
SUPERVISORY PATENT EXAMINER
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